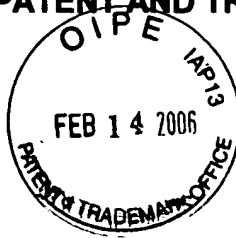


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/531,728
Applicant: Egil S. EIDE
Filed: April 18, 2005
TC/A.U.: 3662
Examiner:



Docket No.: 2036-226
Customer No.: 06449
Confirmation No.: 2308

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, Applicant submits herewith a copy of the International and Norwegian Search Reports along with information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO/SB/08.

This IDS is being filed before a first Office Action on the merits and therefore no fee is being submitted herewith. However, should any fee be deemed necessary, the Commissioner is authorized to charge any fees or credit any overpayment to Deposit Account No. 02-2135.

Respectfully submitted,

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Enclosure(s): International Search Report (1 pg.)
Norwegian Search Report (1 pg.)
(5) cited references

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known			
				Application Number		10/531,728	
				Filing Date		April 18, 2005	
				First Named Inventor		Egil S. EIDE	
				Group Art Unit		3662	
				Examiner Name		To Be Assigned	
Confirmation No.		2308					
Sheet	1	of	1	Attorney Docket Number		2036-226	
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Code ²	Number Kind (if known)				
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
	1.	JP	1009387 A		KOMATSU LTD	01-12-1989	AB
	2.	JP	63304188 A		OSAKA GAS CO LTD	12-12-1988	AB
NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T ²
	3.	BROWN, G.H., <i>et al.</i> , "Experimentally Determined Radiation Characteristics of Conical and Triangular Antennas", <u>RCA Review</u> , December 1952, pgs. 425-453.					
	4.	EIDE, E.S., "Radar Imaging of Small Objects Closely Below the Earth Surface," <u>Department of Telecommunications, Norwegian University of Science and Technology</u> , August 2000, pgs. 1 00-101 and 108-111.					
	5.	EIDE, E.S., "Ultra-wideband transmit/receive antenna pair for ground penetrating radar," <u>IEEE Proceedings-Microwaves, Antennas and Propagation</u> , June 2000, No. 147(3), pgs. 231-235.					
Examiner Signature					Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.